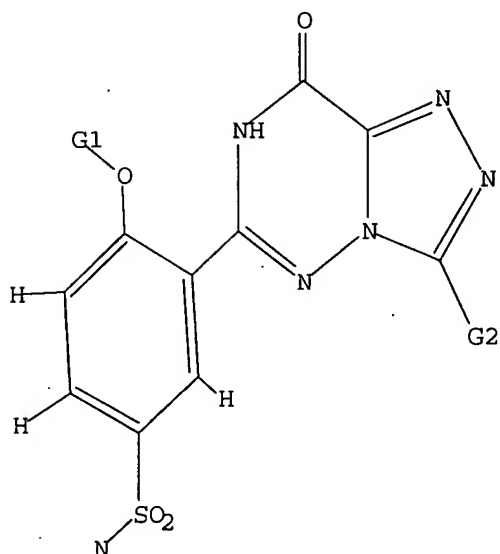


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L1	905	540/524, 544/184, 514/212.08, 514/243	US-PGPUB; USPAT	OR	OFF	2005/11/18 13:44



G1 H, Cb, Ak

G2 Cb, Ak

Structure attributes must be viewed using STN Express query preparation.

=&gt; s l1

SAMPLE SEARCH INITIATED 13:06:18 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 53 TO ITERATE

100.0% PROCESSED 53 ITERATIONS  
SEARCH TIME: 00.00.03

5 ANSWERS

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 624 TO 1496  
PROJECTED ANSWERS: 5 TO 234

L2 5 SEA SSS SAM L1

=&gt; s l1 sss full

FULL SEARCH INITIATED 13:06:27 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 1211 TO ITERATE

100.0% PROCESSED 1211 ITERATIONS  
SEARCH TIME: 00.00.01

65 ANSWERS

L3 65 SEA SSS FUL L1

=&gt; file caplus

COST IN U.S. DOLLARS

SINCE FILE  
ENTRY

TOTAL  
SESSION

FULL ESTIMATED COST

161.33

161.54

FILE 'CAPLUS' ENTERED AT 13:06:31 ON 18 NOV 2005

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

&lt;11/18/2005&gt;

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FILE COVERS 1907 - 18 Nov 2005 VOL 143 ISS 22  
FILE LAST UPDATED: 17 Nov 2005 (20051117/ED)

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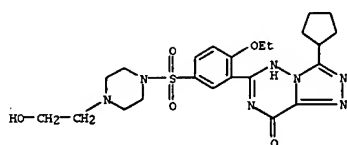
L4 3 L3

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(own work)

L4 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN  
 ACCESSION NUMBER: 2005:708482 CAPLUS  
 DOCUMENT NUMBER: 143:338941  
 TITLE: Comparison of different heterocyclic scaffolds as substrate analog PDE5 inhibitors  
 AUTHOR(S): Haning, Helmut; Niewoehner, Ulrich; Schenke, Thomas; Lampe, Thomas; Hillisch, Alexander; Bischoff, Erwin  
 CORPORATE SOURCE: Business Group Pharma, BAYER HealthCare AG, Wuppertal, D-42096, Germany  
 SOURCE: Biororganic & Medicinal Chemistry Letters (2005), 15(17), 3900-3907  
 CODEN: BMCLEB; ISSN: 0960-894X  
 PUBLISHER: Elsevier B.V.  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 AB Several different heterocyclic systems were compared as PDE5 inhibitor scaffolds. In addition to the known 3H-imidazo[5,1-f][1,2,4]triazin-4-ones and pyrazolopyrimidinones, isomeric imidazo[1,5-a][1,3,5]triazin-4(3H)-ones were also shown to be potent and selective PDE inhibitor scaffolds with in vivo activity. SAR trends were elucidated for sulfonamide derivs. with generality across different scaffolds.

IT 346451-47-6P  
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (comparison of different heterocyclic scaffolds as substrate analog PDE5 inhibitors)  
 RN 346451-47-6 CAPLUS  
 CN 1-piperazineethanol, 4-[[3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxyphenyl]sulfonyl]- (9CI) (CA INDEX NAME)



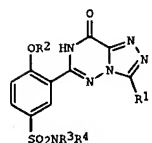
REFERENCE COUNT: 33 THERE ARE 33 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN  
 ACCESSION NUMBER: 2001:489402 CAPLUS  
 DOCUMENT NUMBER: 135:92658  
 TITLE: Preparation of 6-(2-alkoxy-5-sulfonylphenyl)-[1,2,4]triazolo[3,4-f][1,2,4]triazin-8-(7H)-ones as inhibitors of cGMP metabolizing phosphodiesterases  
 INVENTOR(S): Niewoehner, Ulrich; Haning, Helmut; Lampe, Thomas; Es-Sayed, Mazen; Schmidt, Gunter; Bischoff, Erwin; Dembowski, Klaus; Perzborn, Elisabeth; Schlemmer, Karl-Heinz  
 PATENT ASSIGNEE(S): Bayer A.-G., Germany  
 SOURCE: PCT Int. Appl., 85 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: German  
 FAMILY ACC. NUM. COUNT: 2  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001047929	A1	20010705	WO 2000-EP12592	20001212
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TH, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
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DE 10003296	A1	20010802	DE 2000-10003296	20000127
CA 2395410	AA	20010705	CA 2000-2395410	20001212
EP 1261609	A1	20021204	EP 2000-993612	20001212
EP 1261609	B1	20041103		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
JP 2003519151	T2	20030617	JP 2001-549399	20001212
US 2003212064	A1	20031113	US 2002-149921	20021021
US 6683044	B2	20040127		
US 2005096320	A1	20050505	US 2003-728180	20031204
PRIORITY APPLN. INFO.:				
DE 1999-19962927 A 19991224				
DE 2000-10003296 A 20000127				
WO 2000-EP12592 W 20001212				
US 2002-149921 A3 20021021				

OTHER SOURCE(S): MARPAT 135:92658  
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L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)

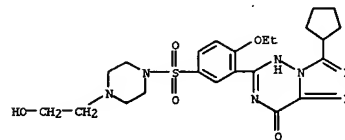


AB Title compds. [I: R1 = alkyl, cycloalkyl; R2 = H, alkyl; R3, R4 = H, alkoxy, (substituted) alkyl and salts thereof were prepared as inhibitors of cGMP metabolizing phosphodiesterases (no data). Thus, 3-(3-cyclopentyl-8-oxo-7,8-dihydro[1,2,4]triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxybenzenesulfonyl chloride (preparation given) in CH2Cl2 was treated

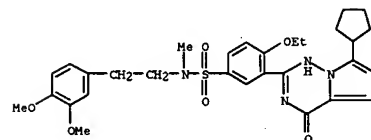
with N-hydroxyethylpiperazine and DMAP followed by stirring for 7 h at room temperature to give 72.5% 3-cyclopentyl-6-[2-ethoxy-5-[4-(2-hydroxyethyl)piperazino]sulfonylphenyl]-[1,2,4]triazolo[3,4-f][1,2,4]triazin-8-(7H)-one.  
 IT 346451-47-6P 346451-49-8P 346451-51-2P  
 346451-53-4P 346451-57-8P 346451-59-0P  
 346451-61-4P 346451-63-6P 346451-65-8P  
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 346452-68-4P 346452-70-8P 346452-72-0P  
 346452-74-2P 346452-76-4P 346452-78-6P  
 348113-28-0P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (preparation of alkoxyphenylsulfonyltriazolotriazinones as inhibitors of cGMP metabolizing phosphodiesterases)  
 RN 346451-47-6 CAPLUS  
 CN 1-piperazineethanol, 4-[[3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxyphenyl]sulfonyl]- (9CI) (CA INDEX NAME)

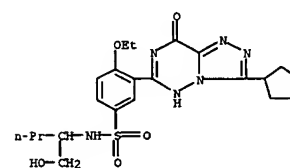
L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 346451-49-8 CAPLUS  
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-N-[2-(3,4-dimethoxyphenyl)ethyl]-4-ethoxy-N-methyl- (9CI) (CA INDEX NAME)

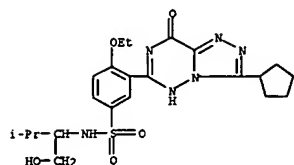


RN 346451-51-2 CAPLUS  
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-[1-(hydroxymethyl)butyl]- (9CI) (CA INDEX NAME)



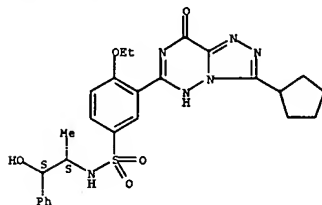
RN 346451-53-4 CAPLUS  
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-[1-(hydroxymethyl)-2-methylpropyl]- (9CI) (CA INDEX NAME)

L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 346451-57-8 CAPLUS  
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-[(1R,2R)-2-hydroxy-1-methyl-2-phenylethyl]-, rel- (9CI) (CA INDEX NAME)

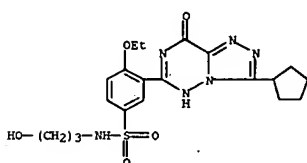
Relative stereochemistry.



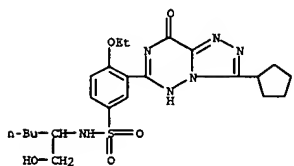
RN 346451-59-0 CAPLUS  
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-[(1R,2R)-2-hydroxy-1-methyl-2-phenylethyl]-, rel- (9CI) (CA INDEX NAME)

L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)

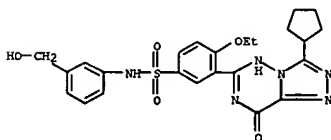
RN 346451-65-8 CAPLUS  
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-[(3R)-3-hydroxypropyl]- (9CI) (CA INDEX NAME)



RN 346451-67-0 CAPLUS  
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-[(1R)-1-(hydroxymethyl)pentyl]- (9CI) (CA INDEX NAME)



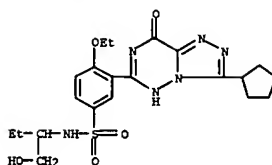
RN 346451-69-2 CAPLUS  
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-[(3R)-3-(hydroxymethyl)phenyl]- (9CI) (CA INDEX NAME)



RN 346451-71-6 CAPLUS

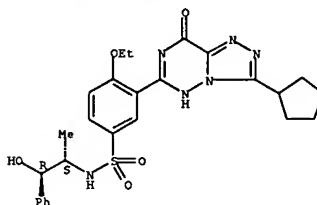
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L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)

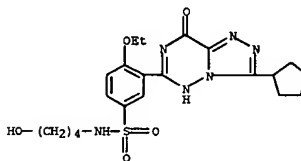


RN 346451-61-4 CAPLUS  
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-[(1R,2S)-2-hydroxy-1-methyl-2-phenylethyl]-, rel- (9CI) (CA INDEX NAME)

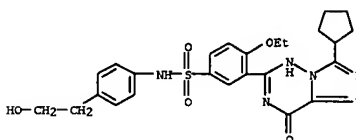
Relative stereochemistry.



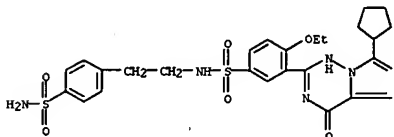
RN 346451-63-6 CAPLUS  
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-(4-hydroxybutyl)- (9CI) (CA INDEX NAME)



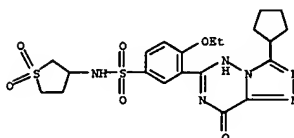
L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)  
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-(4-(2-hydroxyethyl)phenyl)- (9CI) (CA INDEX NAME)



RN 346451-73-8 CAPLUS  
 CN Benzenesulfonamide, N-[2-(4-(aminosulfonyl)phenyl)ethyl]-3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy- (9CI) (CA INDEX NAME)



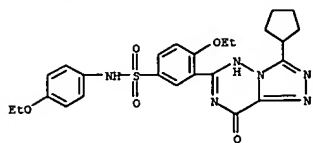
RN 346451-75-0 CAPLUS  
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-(tetrahydro-1,1-dioxido-3-thienyl)- (9CI) (CA INDEX NAME)



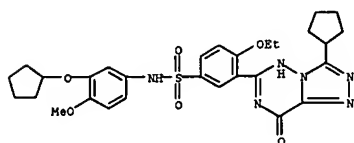
RN 346451-77-2 CAPLUS  
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-(4-ethoxyphenyl)- (9CI) (CA INDEX NAME)

Habe

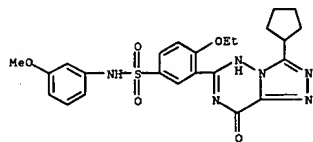
L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 346451-79-4 CAPLUS  
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-N-(3-(cyclopentyl-4-methoxyphenyl)-4-ethoxy- (9CI) (CA INDEX NAME)

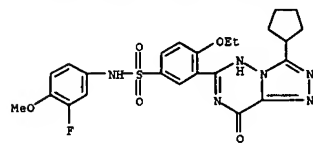


RN 346451-81-8 CAPLUS  
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-(3-methoxyphenyl)- (9CI) (CA INDEX NAME)

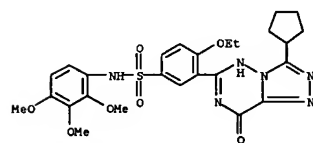


RN 346451-83-0 CAPLUS  
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-N-(3,4-dimethoxyphenyl)-4-ethoxy- (9CI) (CA INDEX NAME)

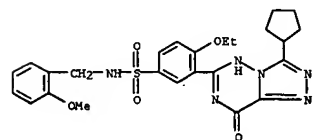
L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 346451-91-0 CAPLUS  
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-(2-methoxyphenyl)methyl- (9CI) (CA INDEX NAME)

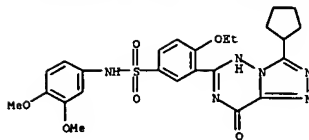


RN 346451-93-2 CAPLUS  
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-[(2-methoxyphenyl)methyl]- (9CI) (CA INDEX NAME)

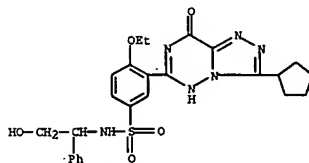


RN 346451-95-4 CAPLUS  
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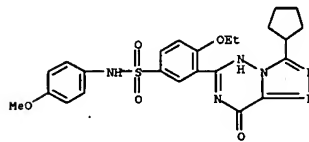
L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 346451-85-2 CAPLUS  
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-(2-hydroxy-1-phenylethyl)- (9CI) (CA INDEX NAME)

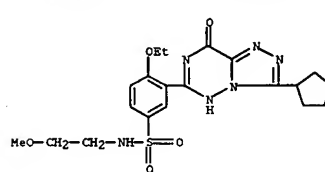


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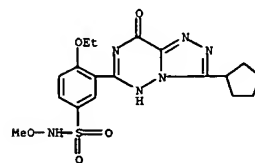


RN 346451-89-6 CAPLUS  
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-(3-fluoro-4-methoxyphenyl)- (9CI) (CA INDEX NAME)

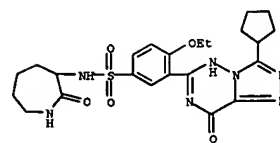
L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 346451-97-6 CAPLUS  
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-methoxy- (9CI) (CA INDEX NAME)

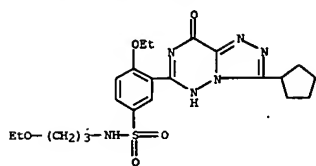


RN 346451-99-8 CAPLUS  
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-(hexahydro-2-oxo-1H-azepin-3-yl)- (9CI) (CA INDEX NAME)

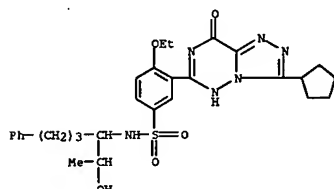


RN 346452-01-5 CAPLUS  
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-(3-ethoxypropyl)- (9CI) (CA INDEX NAME)

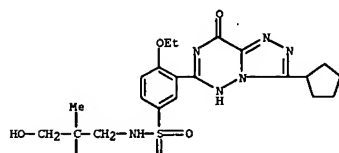
L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 346452-03-7 CAPLUS  
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-[1-(1-hydroxyethyl)-4-phenylbutyl]- (9CI) (CA INDEX NAME)



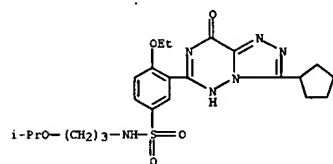
RN 346452-05-9 CAPLUS  
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-(3-hydroxy-2,2-dimethylpropyl)- (9CI) (CA INDEX NAME)



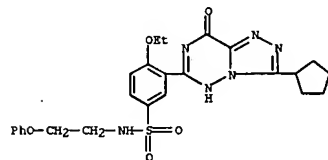
RN 346452-07-1 CAPLUS

L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)

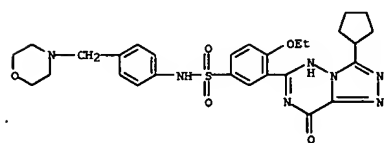
RN 346452-14-0 CAPLUS  
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-[3-(1-methylethoxy)propyl]- (9CI) (CA INDEX NAME)



RN 346452-16-2 CAPLUS  
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-(2-phenoxyethyl)- (9CI) (CA INDEX NAME)



RN 346452-18-4 CAPLUS  
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-[4-(4-morpholinylmethyl)phenyl]- (9CI) (CA INDEX NAME)

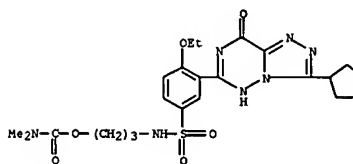


RN 346452-20-8 CAPLUS  
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-(2-(4-morpholinyl)ethyl)- (9CI) (CA INDEX NAME)

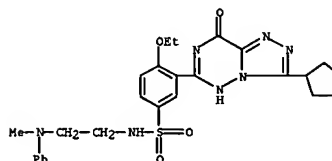
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L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)

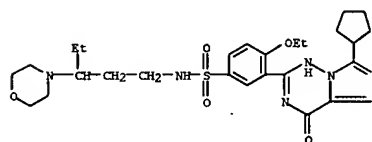
CN Carbanic acid, dimethyl-, 3-[[[3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxyphenyl]sulfonyl]amino]propyl ester (9CI) (CA INDEX NAME)



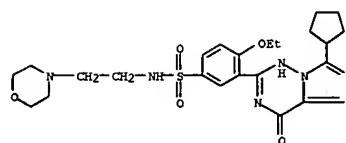
RN 346452-09-3 CAPLUS  
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-[2-(methylphenylamino)ethyl]- (9CI) (CA INDEX NAME)



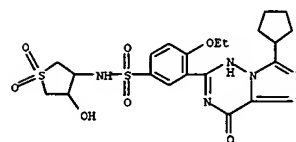
RN 346452-11-7 CAPLUS  
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-[3-(4-morpholinyl)pentyl]- (9CI) (CA INDEX NAME)



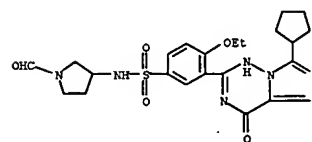
L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 346452-22-0 CAPLUS  
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-(tetrahydro-4-hydroxy-1,1-dioxido-3-thienyl)- (9CI) (CA INDEX NAME)



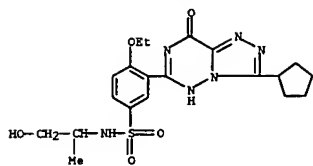
RN 346452-24-2 CAPLUS  
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-(1-formyl-3-pyrrolidinyl)- (9CI) (CA INDEX NAME)



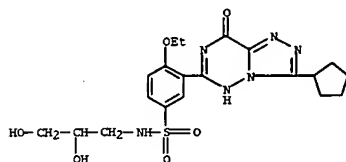
RN 346452-26-4 CAPLUS  
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-(2-hydroxy-1-methylethyl)- (9CI) (CA INDEX NAME)

Habte

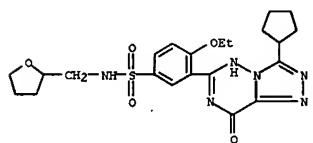
L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 346452-28-6 CAPLUS  
CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-N-(2,3-dihydroxypropyl)-4-ethoxy- (9CI) (CA INDEX NAME)



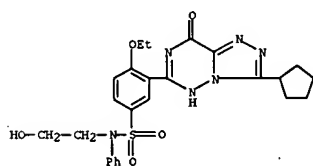
RN 346452-30-0 CAPLUS  
CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-[(tetrahydro-2-furanyl)methyl]- (9CI) (CA INDEX NAME)



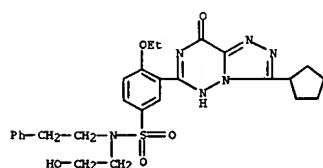
RN 346452-32-2 CAPLUS  
CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-bis(2-hydroxyethyl)- (9CI) (CA INDEX NAME)

L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)

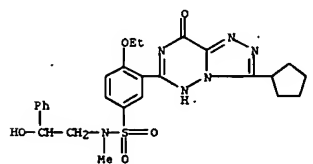
RN 346452-39-9 CAPLUS  
CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-(2-hydroxyethyl)-N-phenyl- (9CI) (CA INDEX NAME)



RN 346452-41-3 CAPLUS  
CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-(2-hydroxyethyl)-N-(2-phenylethyl)- (9CI) (CA INDEX NAME)



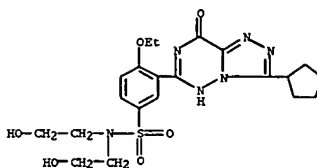
RN 346452-43-5 CAPLUS  
CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-(2-hydroxy-2-phenylethyl)-N-methyl- (9CI) (CA INDEX NAME)



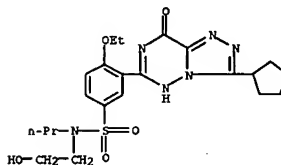
RN 346452-45-7 CAPLUS

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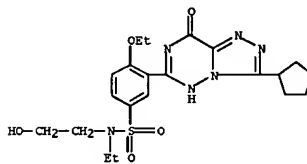
L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 346452-34-4 CAPLUS  
CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-(2-hydroxyethyl)-N-propyl- (9CI) (CA INDEX NAME)

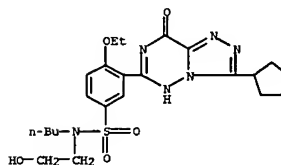


RN 346452-37-7 CAPLUS  
CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-ethyl-N-(2-hydroxyethyl)- (9CI) (CA INDEX NAME)

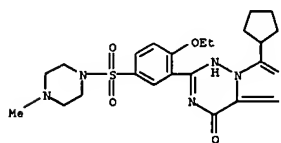


L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)

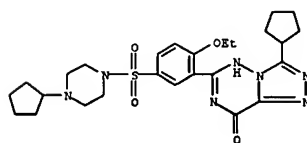
RN 346452-47-9 CAPLUS  
CN Benzenesulfonamide, N-butyl-3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-(2-hydroxyethyl)- (9CI) (CA INDEX NAME)



RN 346452-47-9 CAPLUS  
CN Piperazine, 1-[[3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxyphenyl]sulfonyl]-2-methyl- (9CI) (CA INDEX NAME)



RN 346452-49-1 CAPLUS  
CN Piperazine, 1-cyclopentyl-4-[[3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxyphenyl]sulfonyl]- (9CI) (CA INDEX NAME)

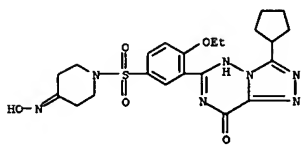


RN 346452-51-5 CAPLUS  
CN 4-Piperidinone, 1-[[3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxyphenyl]sulfonyl]-, 4-oxime (9CI) (CA INDEX NAME)

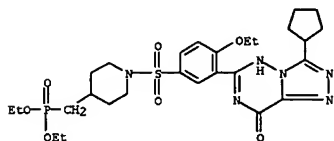
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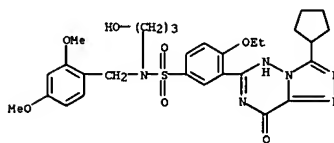
L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 346452-53-7 CAPLUS  
 CN Phosphonic acid, [[1-[[3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxyphenyl]sulfonyl]-4-piperidinyl]methyl]-, diethyl ester (9CI) (CA INDEX NAME)

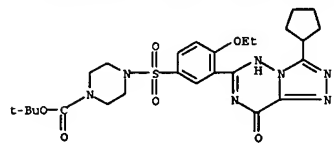


RN 346452-56-0 CAPLUS  
 CN Benzenesulfonamide, 3-[[3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-N-(2,4-dimethoxyphenyl)methyl]-4-ethoxy-N-(3-hydroxypropyl)- (9CI) (CA INDEX NAME)

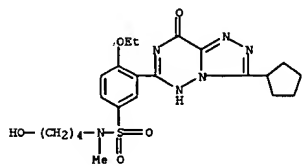


RN 346452-58-2 CAPLUS  
 CN Benzenesulfonamide, 3-[[3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N,N-diethyl]- (9CI) (CA INDEX NAME)

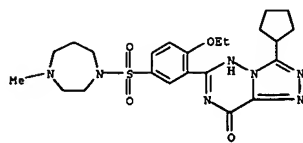
L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 346452-68-4 CAPLUS  
 CN Benzenesulfonamide, 3-[[3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-(4-hydroxybutyl)-N-methyl]- (9CI) (CA INDEX NAME)

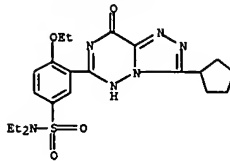


RN 346452-70-8 CAPLUS  
 CN 1H-1,4-Diazepine, 1-[[[3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxyphenyl]sulfonyl]hexahydro-4-methyl- (9CI) (CA INDEX NAME)

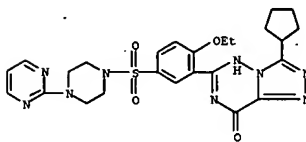


RN 346452-72-0 CAPLUS  
 CN Morpholine, 4-[[[3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxyphenyl]sulfonyl]- (9CI) (CA INDEX NAME)

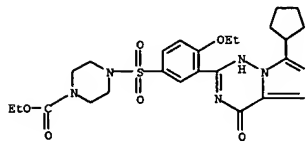
L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 346452-60-6 CAPLUS  
 CN Piperazine, 1-[[[3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxyphenyl]sulfonyl]-4-(2-pyrimidinyl)- (9CI) (CA INDEX NAME)

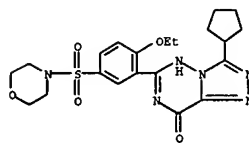


RN 346452-62-8 CAPLUS  
 CN 1-Piperazinecarboxylic acid, 4-[[[3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxyphenyl]sulfonyl]-, ethyl ester (9CI) (CA INDEX NAME)

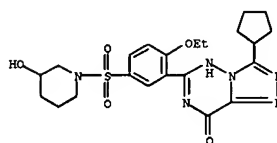


RN 346452-65-1 CAPLUS  
 CN 1-Piperazinecarboxylic acid, 4-[[[3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxyphenyl]sulfonyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

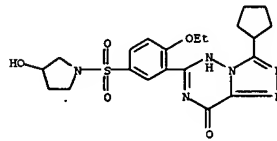
L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 346452-74-2 CAPLUS  
 CN 3-Piperidinol, 1-[[[3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxyphenyl]sulfonyl]- (9CI) (CA INDEX NAME)

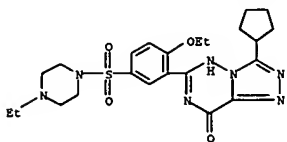


RN 346452-76-4 CAPLUS  
 CN 3-Pyrrolidinol, 1-[[[3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxyphenyl]sulfonyl]- (9CI) (CA INDEX NAME)

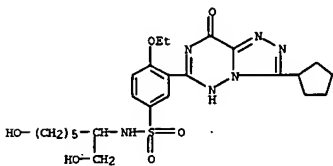


RN 346452-78-6 CAPLUS  
 CN Piperazine, 1-[[[3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxyphenyl]sulfonyl]-4-ethyl- (9CI) (CA INDEX NAME)

L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 348113-28-0 CAPLUS  
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-[(6-hydroxy-1-(hydroxymethyl)hexyl)-(9CI) (CA INDEX NAME)



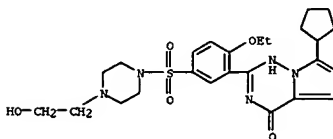
REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)

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 346452-78-6P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(Preparation of triazolotriazinones as cGMP-PDE inhibitors)  
 RN 346451-47-6 CAPLUS  
 CN 1-Piperazineethanol, 4-[[3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxyphenyl]sulfonyl]- (9CI) (CA INDEX NAME)



RN 346451-49-8 CAPLUS  
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-N-[2-(3,4-dimethoxyphenyl)ethyl]-4-ethoxy-N-methyl- (9CI) (CA INDEX NAME)



&lt;11/18/2005&gt;

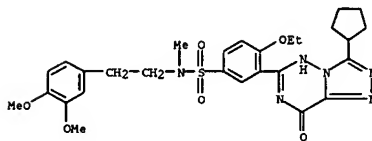
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2001:479150 CAPLUS  
 DOCUMENT NUMBER: 135:76904  
 TITLE: Preparation of triazolotriazinones as cGMP PDE inhibitors  
 INVENTOR(S): Niewoehner, Ulrich; Haning, Helmut; Lampe, Thomas; Es-Sayed, Mazen; Schmidt, Gunter; Bischoff, Erwin; Dembowski, Klaus; Perzborn, Elisabeth; Schlemmer, Karl-Heinz  
 PATENT ASSIGNEE(S): Bayer A.-G., Germany  
 SOURCE: Ger. Offen., 44 pp.  
 CODEN: GWXEXX  
 DOCUMENT TYPE: Patent  
 LANGUAGE: German  
 FAMILY ACC. NUM. COUNT: 2  
 PATENT INFORMATION:

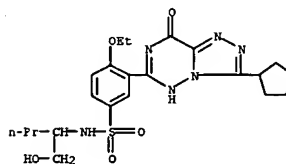
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19962927	A1	20010628	DE 1999-19962927	19991224
CA 2395410	AA	20010705	CA 2000-2395410	20001212
WO 2001047929	A1	20010705	WO 2000-EP12592	20001212
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TH, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TH				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
EP 1261609	A1	20021204	EP 2000-993612	20001212
EP 1261609	B1	20041103		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
JP 2003519151	T2	20030617	JP 2001-549399	20001212
ES 2231311	T3	20050516	ES 2000-993612	20001212
US 2003212064	A1	20031113	US 2002-149921	20021021
US 6683081	B2	20040127		
US 2005096320	A1	20050505	US 2003-728180	20031204
PRIORITY APPLN. INFO.:				
			DE 1999-19962927	A 19991224
			DE 2000-10003296	A 20000127
			WO 2000-EP12592	W 20001212
			US 2002-149921	A3 20021021

OTHER SOURCE(S): MARPAT 135:76904  
 AB R12122502NR3R4 (I; R1 = (cyclo)alkyl; R3, R4 = H, (un)substituted alkyl, alkoxy; R3 = H or alkyl and R4 = e.g., 1,1-dioxo(4-hydroxy)tetrahydrothien-3-yl; NR3R4 = heterocyclyl; Z1 = 7H-8-oxo[1,2,4]triazolo[3,4-f][1,2,4]triazine-3,6-diyl at each occurrence; Z2 = 6-hydroxy- or 6-alkoxy-1,3-phenylene) were prepared as cGMP-PDE inhibitors (no data). Thus, 3-cyclopentyl-4H-1,2,4-triazol-4-amine (preparation given) was condensed with 2-(EtO)C6H4CN and the N-ethoxycarbonylated product cyclized to give, after chlorosulfonation, R12122502R (R1 = cyclopentyl, Z2 = 6-ethoxy-1,3-phenylene) (II; R = Cl) which was amidated by 1-(2-hydroxyethyl)piperazine to give II (R = 4-(2-hydroxyethyl)-1-

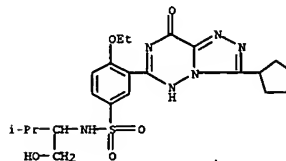
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 346451-51-2 CAPLUS  
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-[(1-(hydroxymethyl)butyl)-(9CI) (CA INDEX NAME)



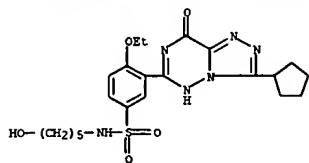
RN 346451-53-4 CAPLUS  
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-[(1-(hydroxymethyl)-2-methylpropyl)-(9CI) (CA INDEX NAME)



RN 346451-55-6 CAPLUS  
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-(5-hydroxypentyl)- (9CI) (CA INDEX NAME)

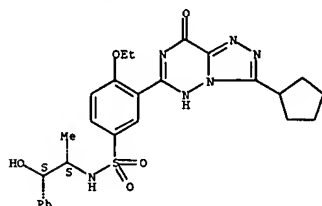
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L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)

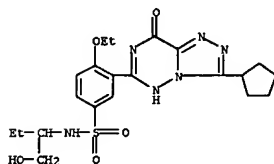


RN 346451-57-8 CAPLUS  
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-[(1R,2R)-2-hydroxy-1-methyl-2-phenylethyl]-, rel- (9CI) (CA INDEX NAME)

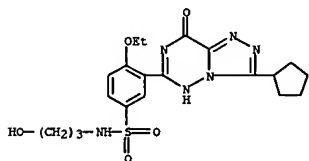
Relative stereochemistry.



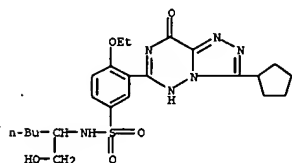
RN 346451-59-0 CAPLUS  
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-[1-(hydroxymethyl)propyl]- (9CI) (CA INDEX NAME)



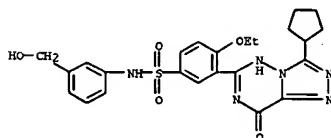
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 346451-67-0 CAPLUS  
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-[1-(hydroxymethyl)pentyl]- (9CI) (CA INDEX NAME)



RN 346451-69-2 CAPLUS  
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-[3-(hydroxymethyl)phenyl]- (9CI) (CA INDEX NAME)

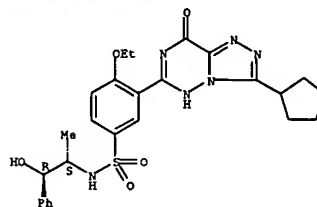


RN 346451-71-6 CAPLUS  
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-[4-(2-hydroxyethyl)phenyl]- (9CI) (CA INDEX NAME)

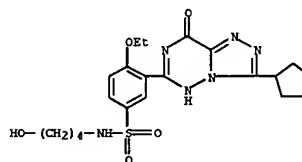
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)

RN 346451-61-4 CAPLUS  
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-[(1R,2S)-2-hydroxy-1-methyl-2-phenylethyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

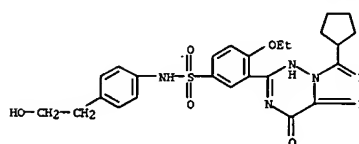


RN 346451-63-6 CAPLUS  
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-(4-hydroxybutyl)- (9CI) (CA INDEX NAME)

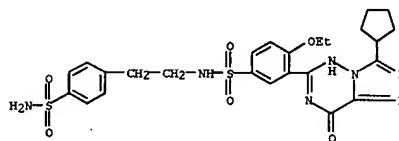


RN 346451-65-8 CAPLUS  
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-(3-hydroxypropyl)- (9CI) (CA INDEX NAME)

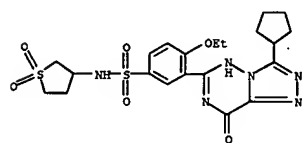
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 346451-73-8 CAPLUS  
 CN Benzenesulfonamide, N-[2-[4-(aminosulfonyl)phenyl]ethyl]-3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy- (9CI) (CA INDEX NAME)

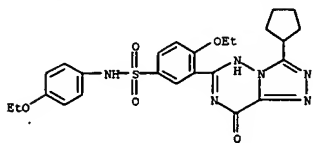


RN 346451-75-0 CAPLUS  
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-(tetrahydro-1,1-dioxido-3-thienyl)- (9CI) (CA INDEX NAME)

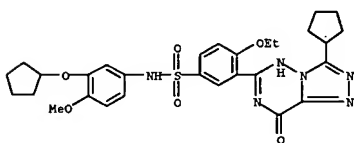


RN 346451-77-2 CAPLUS  
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-(4-ethoxyphenyl)- (9CI) (CA INDEX NAME)

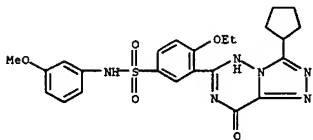
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 346451-79-4 CAPLUS  
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-N-(3-(cyclopentyl-4-methoxyphenyl)-4-ethoxy- (9CI) (CA INDEX NAME)

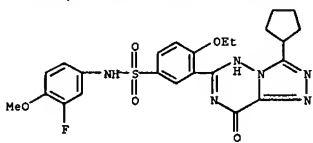


RN 346451-81-8 CAPLUS  
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-N-(3-methoxyphenyl)- (9CI) (CA INDEX NAME)

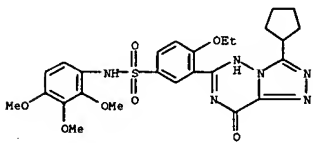


RN 346451-83-0 CAPLUS  
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-N-(3,4-dimethoxyphenyl)- (9CI) (CA INDEX NAME)

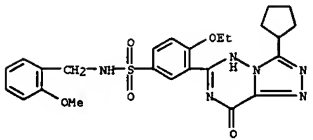
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 346451-91-0 CAPLUS  
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-N-(2,3,4-trimethoxyphenyl)- (9CI) (CA INDEX NAME)

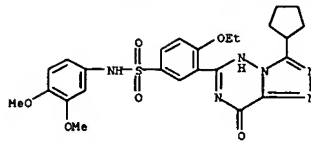


RN 346451-93-2 CAPLUS  
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-N-[(2-methoxyphenyl)methyl]- (9CI) (CA INDEX NAME)

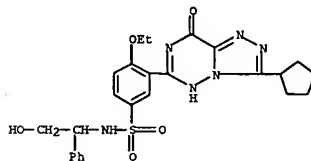


RN 346451-95-4 CAPLUS  
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-N-(2-methoxyethyl)- (9CI) (CA INDEX NAME)

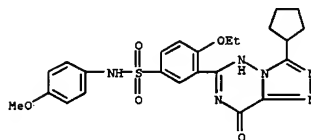
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 346451-85-2 CAPLUS  
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-N-(2-hydroxy-1-phenylethyl)- (9CI) (CA INDEX NAME)

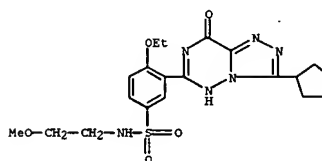


RN 346451-87-4 CAPLUS  
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-N-(4-methoxyphenyl)- (9CI) (CA INDEX NAME)

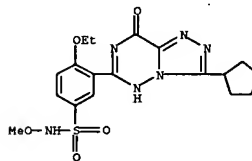


RN 346451-89-6 CAPLUS  
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-N-(3-fluoro-4-methoxyphenyl)- (9CI) (CA INDEX NAME)

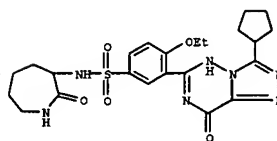
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 346451-97-6 CAPLUS  
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-N-methoxy- (9CI) (CA INDEX NAME)

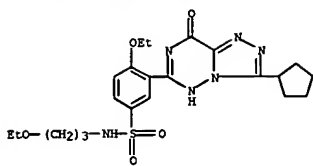


RN 346451-99-8 CAPLUS  
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-N-(hexahydro-2-oxo-1H-azepin-3-yl)- (9CI) (CA INDEX NAME)

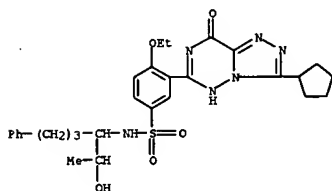


RN 346452-01-5 CAPLUS  
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-N-(3-ethoxypropyl)- (9CI) (CA INDEX NAME)

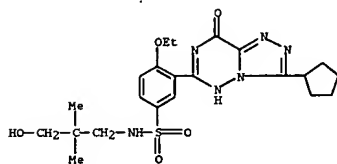
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 346452-03-7 CAPLUS  
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-(1-hydroxyethyl)-4-phenylbutyl- (9CI) (CA INDEX NAME)



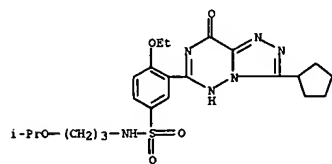
RN 346452-05-9 CAPLUS  
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-(3-hydroxy-2,2-dimethylpropyl)- (9CI) (CA INDEX NAME)



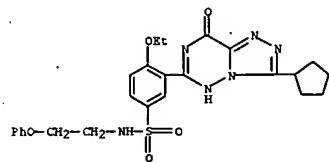
RN 346452-07-1 CAPLUS

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)

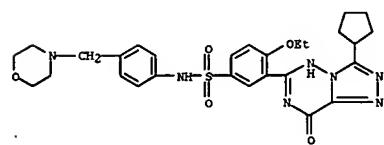
RN 346452-14-0 CAPLUS  
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-(3-(1-methylethoxy)propyl)- (9CI) (CA INDEX NAME)



RN 346452-16-2 CAPLUS  
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-(2-phenoxyethyl)- (9CI) (CA INDEX NAME)



RN 346452-18-4 CAPLUS  
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-(4-(4-morpholinylmethyl)phenyl)- (9CI) (CA INDEX NAME)

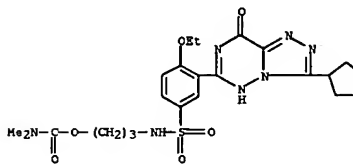


RN 346452-20-8 CAPLUS  
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-(2-(4-morpholinyl)ethyl)- (9CI) (CA INDEX NAME)

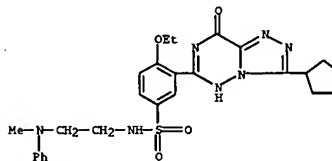
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L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)

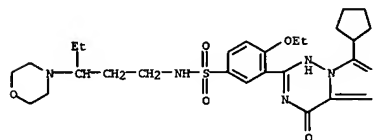
CN Carbanic acid, dimethyl-, 3-[[[3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxyphenyl]sulfonyl]amino]propyl ester (9CI) (CA INDEX NAME)



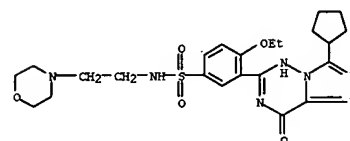
RN 346452-09-3 CAPLUS  
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-[2-(methylphenylamino)ethyl]- (9CI) (CA INDEX NAME)



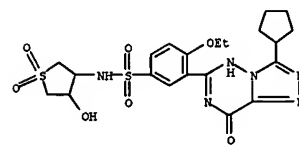
RN 346452-11-7 CAPLUS  
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-[3-(4-morpholinyl)pentyl]- (9CI) (CA INDEX NAME)



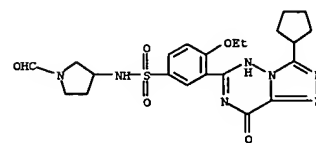
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 346452-22-0 CAPLUS  
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-(tetrahydro-4-hydroxy-1,1-dioxido-3-thienyl)- (9CI) (CA INDEX NAME)



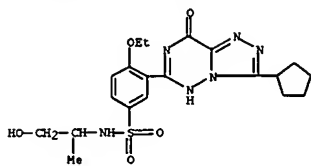
RN 346452-24-2 CAPLUS  
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-(1-formyl-3-pyrrolidinyl)- (9CI) (CA INDEX NAME)



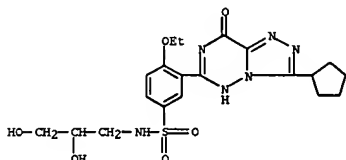
RN 346452-26-4 CAPLUS  
 CN Benzenesulfonamide, 3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-(2-hydroxy-1-methylethyl)- (9CI) (CA INDEX NAME)

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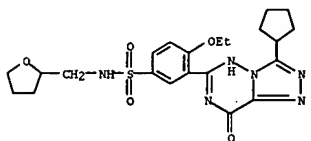
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 346452-28-6 CAPLUS  
 CN Benzenesulfonamide, 3-((3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-N-(2,3-dihydroxypropyl)-4-ethoxy- (9CI) (CA INDEX NAME)



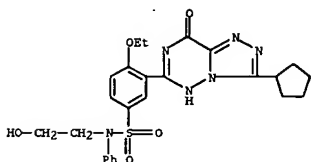
RN 346452-30-0 CAPLUS  
 CN Benzenesulfonamide, 3-((3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-N-(2-hydroxyethyl)-4-ethoxy-N-((tetrahydro-2-furanyl)methyl)- (9CI) (CA INDEX NAME)



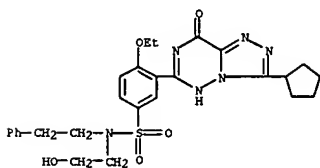
RN 346452-32-2 CAPLUS  
 CN Benzenesulfonamide, 3-((3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-N-bis(2-hydroxyethyl)-4-ethoxy-N,N-bis(2-hydroxyethyl)- (9CI) (CA INDEX NAME)

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)

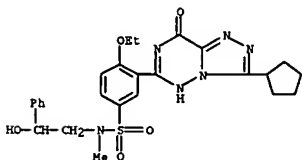
RN 346452-39-9 CAPLUS  
 CN Benzenesulfonamide, 3-((3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-N-(2-hydroxyethyl)-N-phenyl- (9CI) (CA INDEX NAME)



RN 346452-41-3 CAPLUS  
 CN Benzenesulfonamide, 3-((3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-N-(2-hydroxyethyl)-N-(2-phenylethyl)- (9CI) (CA INDEX NAME)



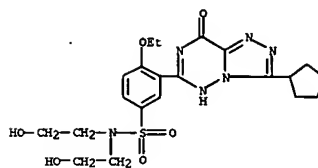
RN 346452-43-5 CAPLUS  
 CN Benzenesulfonamide, 3-((3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-N-(2-hydroxyethyl)-N-(2-phenylethyl)-N-methyl- (9CI) (CA INDEX NAME)



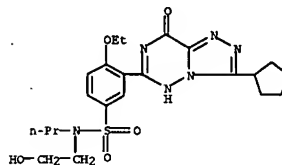
RN 346452-45-7 CAPLUS

<11/18/2005>

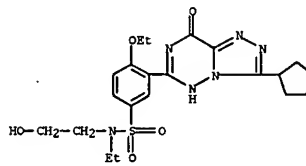
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 346452-34-4 CAPLUS  
 CN Benzenesulfonamide, 3-((3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-N-(2-hydroxyethyl)-N-propyl- (9CI) (CA INDEX NAME)

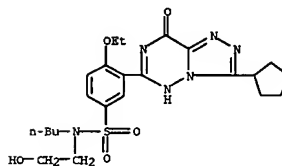


RN 346452-37-7 CAPLUS  
 CN Benzenesulfonamide, 3-((3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-N-(2-hydroxyethyl)-N-ethyl-N-(2-hydroxyethyl)- (9CI) (CA INDEX NAME)

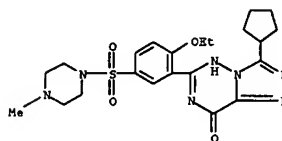


L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)

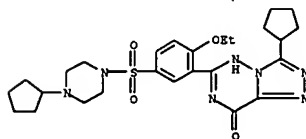
RN 346452-47-9 CAPLUS  
 CN Benzenesulfonamide, N-butyl-3-((3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-(2-hydroxyethyl)- (9CI) (CA INDEX NAME)



RN 346452-47-9 CAPLUS  
 CN Piperazine, 1-[[3-((3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxyphenyl)sulfonyl]-4-methyl- (9CI) (CA INDEX NAME)



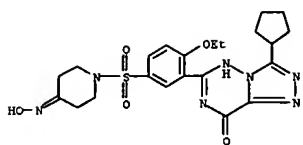
RN 346452-49-1 CAPLUS  
 CN Piperazine, 1-cyclopentyl-4-[[3-((3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxyphenyl)sulfonyl]- (9CI) (CA INDEX NAME)



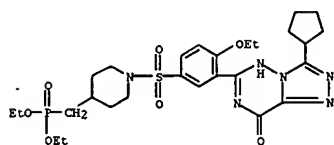
RN 346452-51-5 CAPLUS  
 CN 4-Piperidinone, 1-[[3-((3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxyphenyl)sulfonyl]-, 4-oxime (9CI) (CA INDEX NAME)

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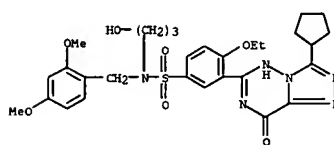
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 346452-53-7 CAPLUS  
 CN Phosphonic acid, {[1-[[3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxyphenyl]sulfonyl]-4-(piperidin-1-yl)methyl]-, diethyl ester (9CI) (CA INDEX NAME)

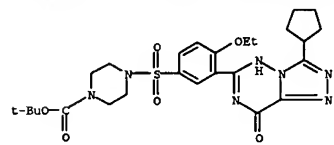


RN 346452-56-0 CAPLUS  
 CN Benzenesulfonamide, 3-[[3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-N-(2,4-dimethoxyphenyl)methyl]-4-ethoxy-N-(3-hydroxypropyl)- (9CI) (CA INDEX NAME)

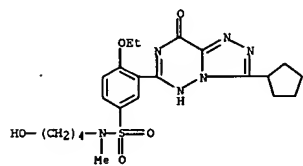


RN 346452-58-2 CAPLUS  
 CN Benzenesulfonamide, 3-[[3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N,N-diethyl- (9CI) (CA INDEX NAME)

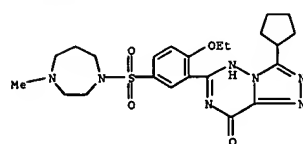
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 346452-68-4 CAPLUS  
 CN Benzenesulfonamide, 3-[[3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxy-N-(4-hydroxybutyl)-N-methyl- (9CI) (CA INDEX NAME)

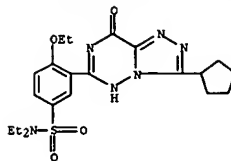


RN 346452-70-8 CAPLUS  
 CN 1H-1,4-Diazepine, 1-[[[3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxyphenyl]sulfonyl]hexahydro-4-methyl- (9CI) (CA INDEX NAME)

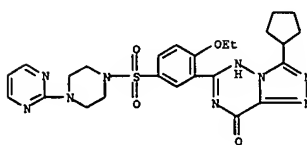


RN 346452-72-0 CAPLUS  
 CN Morpholine, 4-[[[3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxyphenyl]sulfonyl]- (9CI) (CA INDEX NAME)

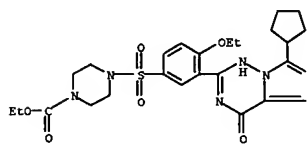
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 346452-60-6 CAPLUS  
 CN Piperazine, 1-[[[3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxyphenyl]sulfonyl]-4-(2-pyrimidinyl)- (9CI) (CA INDEX NAME)

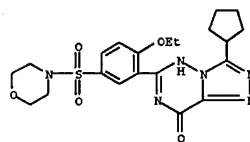


RN 346452-62-8 CAPLUS  
 CN 1-Piperazinecarboxylic acid, 4-[[[3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxyphenyl]sulfonyl]-, ethyl ester (9CI) (CA INDEX NAME)

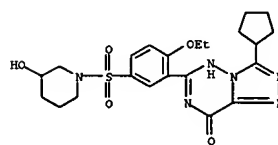


RN 346452-65-1 CAPLUS  
 CN 1-Piperazinecarboxylic acid, 4-[[[3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxyphenyl]sulfonyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

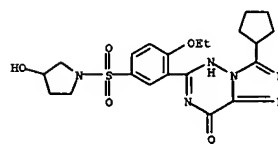
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 346452-74-2 CAPLUS  
 CN 3-Piperidinol, 1-[[[3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxyphenyl]sulfonyl]- (9CI) (CA INDEX NAME)



RN 346452-76-4 CAPLUS  
 CN 3-Pyrrolidinol, 1-[[[3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxyphenyl]sulfonyl]- (9CI) (CA INDEX NAME)



RN 346452-78-6 CAPLUS  
 CN Piperazine, 1-[[[3-(3-cyclopentyl-5,8-dihydro-8-oxo-1,2,4-triazolo[3,4-f][1,2,4]triazin-6-yl)-4-ethoxyphenyl]sulfonyl]-4-ethyl- (9CI) (CA INDEX NAME)

